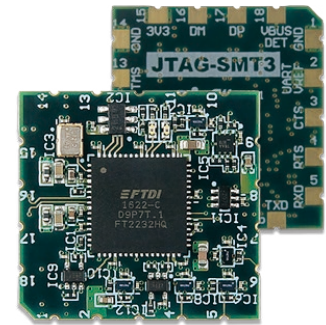


# JTAG PROGRAMMERS & FPGA PROGRAMMING SOLUTIONS

# DIGILENT JTAG SERIES

JTAG cables and modules provide engineers the versatility of designing own FPGA boards

- Drop-in solution for programming and debugging from Xilinx's tool suite
- JTAG cables designed with pins to plug into pin connector on board
- JTAG SMT modules can be soldered directly onto the board.
- Self-contained programming modules accessible directly from most Xilinx Tools.



	JTAG-SMT3-NC	JTAG-SMT2-NC	JTAG-SMT2	JTAG-SMT1	JTAG-HS3	JTAG-HS2	JTAG-USB
<b>Max Speed</b>	30 Mhz	30 Mhz	30 Mhz	30 Mhz	30 Mhz	30 Mhz	1.6 Mhz
<b>Voltage Range</b>	1.8 - 5 V	1.8 - 5 V	1.8 - 5 V	1.8 - 5 V	1.8 - 5 V	1.5 - 5 V	1.8 - 5 V
<b>Xilinx Native Support</b>	ISE 14.1+ Vivado 2013.1+	ISE 14.1+ Vivado 2013.1+	ISE 14.1+ Vivado 2013.1+	ISE 13.2+ Vivado 2012.1+	ISE 14.1+ Vivado 2013.3+	ISE 13.2+ Vivado 2012.1+	ISE 13.2+ Vivado 2014.2+
<b>Xilinx Plug-in Support</b>	ISE 13.1+	ISE 13.1+	ISE 13.1+	ISE 13.1+	ISE 12.1+	ISE 12.1+	ISE 12.1+
<b>Digilent Adept™ Support</b>	✓	✓	✓	✓	✓	✓	✓
<b>PC Interface</b>	USB	USB	USB	USB	USB	USB	USB
<b>Onboard USB Connector</b>	✗	✗					
<b>Target Board Connector Interface</b>	18-pad SMT	13-pad SMT	11-pad SMT	8-pad SMT	14-pin	6-pin, 14-pin	6-pin
<b>4-Wire JTAG</b>	✓	✓	✓	✓	✓	✓	✓
<b>2-Wire JTAG</b>	✗	✓	✓	✗	✗		✗
<b>ZYNQ-7000 PS_SRST Support</b>	✓	✓	✓		✓		
<b>SPI Support</b>							
<b>Independent UART Channel</b>	✓	✗	✗				

May 2020 ver. ■

## Contact



### Excelpoint Systems (Pte) Ltd

- [www.excelpoint.com](http://www.excelpoint.com)
- [sales.enquiry@excelpoint.com.sg](mailto:sales.enquiry@excelpoint.com.sg)

**Singapore** +65 6741 8966  
**Australia – Sydney** +61 2 8875 7726  
**India – Bangalore** +91 80 4942 4311  
**India – Hyderabad** +91 97 0375 3721  
**India – Mumbai** +91 22 4237 5800  
**India – New Delhi** +91 11 4731 9900  
**India – Pune** +91 74 1008 1888

**Indonesia – Jakarta** +62 21 2993 0775  
**Malaysia – Penang** +60 4 637 4219  
**Philippines – Manila** +63 2 910 0438  
**Thailand – Bangkok** +66 2 645 1388  
**USA – San Diego** +1 858 352 6938  
**Vietnam – Hanoi** +84 24 6296 2335  
**Vietnam – HCM City** +84 28 6653 2940